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# AFIS BYTES

*The Newsletter of Fingerprint Technologies*

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## Rowan County Hits Eight Year Old Murder Case

The routine booking may often seem boring and redundant but is not insignificant in the criminal justice community. Often these simple tasks are the foundation on which major cases are built. The Rowan County Detention Center submitted a set of prints in May 2007 that resulted in a latent reverse search hit on a murder case that was almost eight years old.

You often hear of cases where a minor charge has brought a criminal in only to find that they were the predator in previous unsolved crimes. Fingerprints are often the key in these cases. As an example, a subject was arrested and LiveScanned for operating on a suspended license which is routine in anybody's book. The booking officers at the Rowan County Detention Center had no idea that as a direct result of their efforts the left middle finger matched a latent print recovered during a homicide investigation eight years previous. In 1999 three latent prints were recovered from a vehicle associated with a murder case. One of those three prints, which are stored in our unsolved latent database, was a positive identification with a fingerprint submitted by the Rowan County Detention Center. As this is an open investigation details are still being withheld pending further review.

Many have the misconception that only larger facilities in more populated areas contribute to solving cases in our latent database but this is incorrect. In fact there have been many cases in the past year that are the result of submissions from smaller facilities. This is a prime example that with just the submission of a set of prints from your facility a case that has gone unsolved for years can be put to rest. The effort is minimal but the reward is great.

## Importance of Plain Impressions

Without the proper orientation and clarity of plain impressions, the FBI will reject a card. They consider the plain impressions a critical part of the fingerprinting process. For this reason, the correct way to take plain impressions is below.



**CORRECT**



**INCORRECT**

## LIVEScan FEATURES

This section of the Newsletter identifies the features of the LSS 2000 LiveScan in your facility.

### OPERATIONAL SETTINGS

Each and every LiveScan user can customize the scanning process based on personal preferences. Once these options are set, they remain in effect each time the user logs in. To change the settings, access the Operational Settings screen, shown above by selecting the Option selection button on the Fingerprint Entry screen.

### Manual Scanning Radio Button

If Manual Scanning is enabled, Auto Roll Tracking is disabled. Manual Scanning functions differently based on the setting of the Auto Accept feature, and the quality of the image scanned. Each of the different options are described as follows:

If Manual Scanning and Auto Accept are enabled, and if the scanned image is rated "Good," scanning of the next finger begins shortly after the "Image quality is good..." message appears on the screen. In this situation, it is not necessary to select **Accept**. If the scanned image is rated "Poor" or "Fair," select one of the selection buttons.

If Manual Scanning is enabled, and Auto Accept is disabled, and if the scanned image is rated "Good," scanning of the next finger begins shortly after selecting **Accept**. If the scanned image is rated "Poor" or "Fair," select one of the selection buttons.

# New Employees???

The Kentucky State Police AFIS Section offers free training on ink and paper fingerprint techniques, as well as training on LiveScan fingerprinting. If you hire new employees or officers who need training feel free to call and schedule a time for training here at our facility on the available dates on the right under Upcoming Training Dates. Or if you have officers who aren't new but would like a refresh on fingerprinting, we would be more than happy to offer additional training. Call us at (502)-227-8723 or email us at [livescan@ky.gov](mailto:livescan@ky.gov).

## *Did you know...?*

### ... NO TWO FINGERPRINTS ARE ALIKE!

It is true that no two fingerprints are alike - even twins, triplets, etc. Technically, we would say that the ridge arrangement on each finger of each individual is different and that this ridge arrangement does not change naturally from before birth until decomposition after death. But it all boils down to the same thing; all fingerprints, palm prints, and footprints are different.

### ... FINGERPRINTS NEVER CHANGE!

Small ridges form on a person's hands and feet before they are born and never changes, except for their size.

## UPCOMING TRAINING DATES

July 19th, 9:00 A.M. and 1:00 P.M.  
Criminal ID and Records Building,  
Conference Room  
**Livescan Training**

To schedule your personnel for training on this date call (502) 227-8723 or email us at [livescan@ky.gov](mailto:livescan@ky.gov).

August 7th, 9:00 A.M. and 1:00 P.M.  
Criminal ID and Records Building,  
Conference Room  
**Livescan Training**

To schedule your personnel for training on this date call (502) 227-8723 or email us at [livescan@ky.gov](mailto:livescan@ky.gov).

Aug. 16th, 9:00 A.M. and 1:00 P.M.  
Criminal ID and Records Building,  
Conference Room  
**Livescan Training**

To schedule your personnel for training on this date call (502) 227-8723 or email us at [livescan@ky.gov](mailto:livescan@ky.gov).

Sept. 4th, 9:00 A.M. and 1:00 P.M.  
Criminal ID and Records Building,  
Conference Room  
**Livescan Training**

To schedule your personnel for training on this date call (502) 227-8723 or email us at [livescan@ky.gov](mailto:livescan@ky.gov).

Sept. 20th, 9:00 A.M. and 1:00 P.M.  
Criminal ID and Records Building,  
Conference Room  
**Livescan Training**

To schedule your personnel for training on this date call (502) 227-8723 or email us at [livescan@ky.gov](mailto:livescan@ky.gov).

**These dates are available  
first come, first serve, and  
will not exceed 15 per session.**

**AFIS STATS**

**Tenprint Records**

Counts Are Per Quarter  
January – March

LiveScan Bookings	56,650
Card Scans Submitted	9,931
Searches (LiveScans & Cards)	66,581
Tenprint Data Base Size	812,375

**Latent Records**

Counts Are Per Quarter  
January – March

Latent Identifications	134
Unsolved Latent Data Base Size	23,137

**Year Ending Totals for 2006**

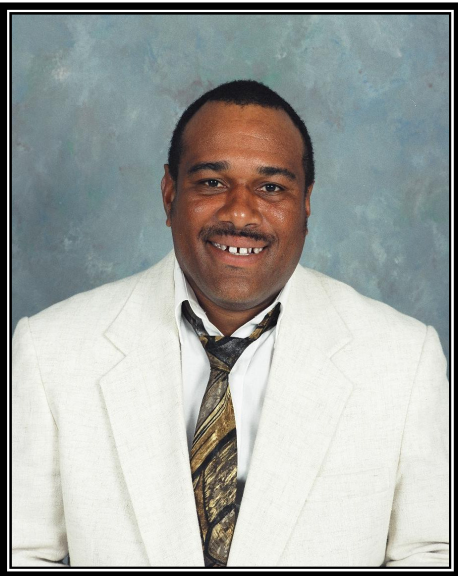
LiveScan Bookings	183,807
Card Scans Submitted	31,125
Searches (LiveScans & Cards)	214,932
Tenprint Data Base Size	795,182
Latent Identifications	576
Unsolved Latent Data Base Size	22,542

# Profiling AFIS

**Howard Jones**  
*Forensic Latent  
Fingerprint Analyst III*

*As senior Latent Analyst Howard spends a lot of his time mentoring many of his coworkers throughout the AFIS Section. He has been with this agency for 26 ½ years and in the Latent Unit for 13 years. Prior to his arrival in AFIS, he acquired an Associates Degree in Business Administration and Accounting.*

*Since working as a Latent Analyst Howard has worked many high profile cases. One of his recent cases was the processing of prints from the victims of Flight 5191. With his quick and enduring work ethic he helped in the successful efforts of victim identification.*



*Known across the state as one the Kentucky State Police's finest and most experienced Latent Fingerprint Analyst Howard continues to display a picture of professionalism and distinguished forensic techniques in the efforts of crime fighting. During his years of service to this agency he has exemplified the highest standards and continues to reflect positively on this agency.*

## Questions and Answers

Please submit all questions, stories, comments, and suggestions to:

Kentucky State Police  
AFIS Section  
Attn: Hollie Freeman  
1250 Louisville Road  
Frankfort, Kentucky 40601

Livescan@ky.gov

**Q:** What do I do if the violation code on the citation will not fill in on the LiveScan during the booking process?

**A:** If the violation code you are entering is not in the dropdown list on the LiveScan, it is probably an obsolete violation code. Sometimes police officers accidentally continue using violation codes that are no longer valid. In this situation the first thing to do is check the [www.kentuckystatepolice.org](http://www.kentuckystatepolice.org) website to confirm it is an obsolete code. If it is in fact obsolete, it would be best if you contacted the arresting agency to have them use the correct violation code.

**Q:** I have received a letter in the mail stating that many of my facility's submissions are being rejected by the FBI. How do I fix this?

**A:** There are many reasons why the FBI will reject fingerprint submissions. When a facility has a large amount of rejections we will notify you so that you can resolve the problem. For instance, prints not being rolled correctly. If this is the reason then your facility should take more care in rolling the prints or if you would like we can offer your officers additional training on the fingerprint rolling technique.